

**WHAT IS CLAIMED IS:**

1. A speed violation control system using dedicated short-range communication, comprising:

5 Road-Side Equipment (RSE) for transmitting information regarding vehicle speed and for receiving processed results;

On-Board Equipment (OBE) mounted inside a vehicle for transmitting information regarding vehicle speed to said RSE and for receiving the processed result from said RSE;

10 an Electronic Control Unit (ECU) for receiving the information regarding the vehicle speed from a speed detecting sensor to output it to said OBE and to reproduce the processed result inputted from said OBE in a voice format via a voice output means; and

15 a traffic information center for analyzing the information of the vehicle speed received from said RSE and outputting the processed result to said RSE according to the analysis.

2. The system as defined in claim 1, wherein the traffic information center determines whether the speed of a vehicle transmitted from said RSE is in the scope of a warning speed range, and if so, transmits a warning message to said RSE.

20 3. The system as defined in claim 1, wherein the traffic information center determines whether the speed of the vehicle transmitted from said RSE exceeds a speed limit, and if so, transmits a fine message and a control message to said RSE.